## **Amendments to the Specification:**

Please replace paragraph [0066] with the following amended paragraph:

[0066] Table 1

|                       |                 | Relevant to claim | s-for Epoxy (a) |                 |                |
|-----------------------|-----------------|-------------------|-----------------|-----------------|----------------|
|                       |                 | Relevant to claim | s for Epoxy (b) |                 | <del></del>    |
|                       |                 | Example 1         | Example 2       | Example 3       | Example 4      |
| Epoxy resin           | Epoxy (a)       | Epoxy 1 (112.5    | Epoxy 2 (118.8  | Epoxy 3 (118.8  | Epoxy 4 (118.8 |
|                       |                 | pbw)              | pbw)            | pbw)            | pbw)           |
|                       | Epoxy (b)       | Epoxy 7           | Epoxy 8         | Epoxy 9         | Epoxy 8        |
|                       | L               | (10 pbw)          | (5 pbw)         | (5 pbw)         | (5 pbw)        |
|                       |                 |                   | Epoxy 10        | Epoxy 10        | _              |
|                       | <u></u>         |                   | (3 pbw)         | (5 pbw)         |                |
| Curing agent          |                 | Curing agent 1    | Curing agent 1  | Curing agent 2  | Curing agent 3 |
|                       |                 | (39.5 pbw)        | (44.0 pbw)      | (34.2 pbw)      | (29.2 pbw)     |
| Curing accelerator    |                 | Accelerator 1     | Accelerator 1   | Accelerator 1   | Accelerator 1  |
|                       |                 | (0.13 pbw)        | (0.13 pbw)      | (0.13 pbw)      | (0.13 pbw)     |
| Organic solvent       |                 | Organic solvent   | Organic solvent | Organic solvent | Organic solven |
|                       |                 | 2 (18.6 pbw)      | 2 (35 pbw)      | 1 (8 pbw)       | 2 (22.9 pbw)   |
|                       |                 |                   |                 | Organic solvent | Organic solven |
|                       |                 |                   |                 | 2 (17.6 pbw)    | 3 (22.9 pbw)   |
|                       |                 | <u> </u>          |                 | Organic solvent |                |
|                       |                 |                   |                 | 3 (25.6 pbw)    |                |
| Inorganic filler      |                 |                   | <u> </u>        | <u> </u>        | ] —            |
| Ratio of epoxy (a)+   |                 | 100%              | 97%             | 95%             | 100%           |
| solid content per wh  |                 |                   |                 |                 |                |
| Proportion of epoxy   |                 | 90%               | 92%             | 90%             | 95%            |
| content per whole ep  |                 |                   |                 |                 |                |
| Bromine content (%    |                 | 23%               | 18.4%           | 18.1%           | 19%            |
| Appearance of prepr   |                 | Good              | Good            | Good            | Good           |
| Glass transition temp | perature        | ○(135□)           | ○(135□)         | ○(130□)         | ○(132□)        |
| Fire retardancy       |                 | V-0               | V-0             | V-0             | V-0            |
| Moldability           |                 | 0                 | 0               |                 | 0              |
| Curing time for       | 60 seconds      | 0                 | 0               | ×               | 0              |
| prepreg (second)      |                 |                   |                 |                 |                |
|                       | 80 seconds      | 0                 | 0               | 0               | 0              |
|                       | 100 seconds     | 0                 | 0               | 0               | 0              |
|                       | 140 seconds     | 0                 | 0               | 0               | 0              |
|                       | 180 seconds     | 0                 | 0               | 0               | 0              |
| Coefficient of therm  |                 | 65 ppm            | 65 ppm          | 65 ppm          | 65 ppm         |
| Heat resistance in ov |                 | 270□              | 270□            | 265□            | 270□           |
| Thermal decomposit    | ion temperature | 355□              | 355□            | 350□            | 355□           |
| (weight loss by 5%)   |                 |                   |                 |                 |                |

|             |           | Relevant to claims for epoxy (a)  Relevant to claims for epoxy (b) |                     |                     | No use<br>relevant to<br>claim |
|-------------|-----------|--|---------------------|---------------------|--------------------------------|
|             |           | Example 5  | Example 6           | Example 7           | Comparative example 1          |
| Epoxy resin | Epoxy (a) | Epoxy 5 (93.8 pbw)   | Epoxy 2 (112.5 pbw) | Epoxy 5 (93.8 pbw)  | Epoxy 3 (106 pbw)              |
|             | Epoxy (b) | Epoxy 7<br>(25 pbw)  | Epoxy 7<br>(10 pbw) | Epoxy 7<br>(25 pbw) |                                |
|             |           |  |                     |                     | Epoxy 11 (15 pbw)              |

| Curing agent         |                  | Curing agent 1            | Curing agent 1            | Curing agent 1            | Curing agent 1              |
|----------------------|------------------|---------------------------|---------------------------|---------------------------|-----------------------------|
| Curing accelerator   |                  | (38.6 pbw)<br>Accelerator | (39.5 pbw)<br>Accelerator | (38.6 pbw)<br>Accelerator | (44.8 pbw)<br>Accelerator 1 |
| Curing accelerator   |                  | 1(0.13 pbw)               | 1(0.13 pbw)               | 1(0.13 pbw)               | (0.13 pbw)                  |
| Organic solvent      |                  | Organic                   | Organic                   | Organic                   | Organic                     |
| Organic solvent      |                  | solvent 1 (8              | solvent 2 (25             | solvent 1 (8              | solvent 1 (26               |
|                      |                  | pbw)                      | pbw)                      | pbw)                      | pbw)                        |
|                      |                  | Organic                   | Organic                   | Organic                   | Organic                     |
|                      |                  | solvent 2 (19             | solvent 3 (25             | solvent 2 (19             | solvent 2 (10               |
|                      |                  | pbw)                      | pbw)                      | pbw)                      | pbw)                        |
|                      |                  | Organic                   | powy                      | Organic                   | pow)                        |
|                      |                  | solvent 3 (19             |                           | solvent 3 (19             | 1                           |
|                      |                  | pbw)                      |                           | pbw)                      |                             |
| Inorganic filler     |                  | Inorganic filler          | Inorganic filler          | Inorganic filler          | <u> </u>                    |
| morgame imer         |                  | 1                         | 2                         | 3                         |                             |
|                      |                  | (19 pbw)                  | (63.8 pbw)                | (19 pbw)                  |                             |
| Ratio of epoxy (a)   | + enoxy (b) as a | 100%                      | 100%                      | 100%                      | 85%                         |
| solid content per v  |                  | 10070                     | .00,0                     | .00,0                     | 0570                        |
| resin                | ore epons        |                           |                           |                           |                             |
| Proportion of epox   | (v (a) as solid  | 75%                       | 90%                       | 75%                       | 85%                         |
| content per whole    |                  |                           | , , , ,                   |                           | 00,0                        |
| Bromine content (    |                  | 27%                       | 23%                       | 27%                       | 16.2                        |
| resin                | 1 7              |                           |                           |                           |                             |
| Appearance of pre    | preg             | Good                      | Good                      | Good                      | Lack of resin               |
| ••                   |                  |                           |                           |                           | uniformity                  |
| Glass transition ter | mperature        | ○(135□)                   | ○(134□)                   | ×(105□)                   | ○(143□)                     |
| Fire retardancy      |                  | V-0                       | V-0                       | V-0                       | V-0                         |
| Moldability          | ··· <u>-</u>     | 0                         | 0                         | 0                         | 0                           |
| Curing time for      | 60 seconds       | 0                         | 0                         | 0                         | 0                           |
| prepreg (second)     |                  |                           |                           |                           |                             |
| /                    | 80 seconds       | 0                         | 0                         | 0                         | 0                           |
|                      | 100 seconds      | 0                         | 0                         | 0                         | 0                           |
|                      | 140 seconds      | 0                         | 0                         | 0                         | 0                           |
|                      | 180 seconds      | 0                         | 0                         | 0                         | 0                           |
| Coefficient of ther  | mal expansion    | 55 ppm                    | 45 ppm                    | 55 ppm                    | 65 ppm                      |
| (azl)                | -                |                           |                           | • •                       |                             |
| Heat resistance in   | oven             | 270□                      | 270□                      | 279□                      | 265□                        |
| Thermal decompos     | sition           | 355□                      | 355□                      | 355□                      | 350□                        |
| temperature (weigh   | ht loss by 5%)   |                           |                           |                           |                             |

|                   |           | Not relevant to epoxy (a)             | Not relevant                |                             |
|-------------------|-----------|---------------------------------------|-----------------------------|-----------------------------|
|                   |           | Relevant to<br>claim for<br>epoxy (b) | No-use                      | Cured by<br>DICY            |
|                   |           | Comparative example 2                 | Comparative example 3       | Comparative example 4       |
| Epoxy resin       | Epoxy (a) | Epoxy 6<br>(118.8 pbw)                | Epoxy 6<br>(125 pbw)        | Epoxy 6 (106 pbw)           |
|                   | Epoxy (b) | Epoxy 8<br>(5 pbw)                    |                             | _                           |
|                   |           | _                                     | _                           | Epoxy 11 (15 pbw)           |
| Curing agent      |           | Curing agent 1<br>(41.7 pbw)          | Curing agent 2 (21 pbw)     | Curing agent 4<br>(2.5 pbw) |
| Curing accelerate | or        | Accelerator 1<br>(0.13 pbw)           | Accelerator 1<br>(0.13 pbw) | Accelerator 1<br>(0.05 pbw) |

| Organic solvent  |   | Organic   | Organic   | Organic   |
|--|---|---|---|---|
|  |   | solvent 2 (33.3                                   | solvent 1   | solvent 1 (13                                     |
| :  |   | pbw)  | (30 pbw)  | pbw)  |
|  |   |   | Organic   | Organic   |
|  |   |   | solvent 2   | solvent 2 (10.6                                   |
|  |   |   | (10 pbw)  | pbw)  |
|  |   |   |   | Organic   |
|  |   |   |   | solvent 4 (23.6                                   |
|  |   |   |   | pbw)  |
| Inorganic filler   |   |   | _   | <u> </u>  |
| Ratio of epoxy (a)   | + epoxy (b) as a  | 100%  | 100%  |   |
| solid content per v  | hole epoxy  |   |   |   |
| resin  |   |   |   |   |
| Proportion of epox   | (y (a) as solid   | 95%   | 100%  | _   |
| content per whole  | epoxy resin   |   |   |   |
| Bromine content (  | %) in epoxy   | 19%   | 20%   |   |
| resin  |   |   |   |   |
|  |   |   |   |   |
| Appearance of pre  | preg  | Good  | Some non-   | Good  |
|  | preg  | Good  | Some non-<br>uniformity                               | Good  |
|  | preg  | Good  |   | Good  |
|  |   | Good ×(122□)                                      | uniformity  | Good<br>○(135□)                                   |
| Appearance of pre  |   |   | uniformity<br>with resin                              |   |
| Appearance of pre  |   | ×(122□)   | uniformity<br>with resin<br>×(120□)                   | ○(135□)   |
| Appearance of pre Glass transition ter Fire retardancy Moldability   |   | ×(122□)<br>V-0                                    | uniformity with resin ×(120□) V-0                     | ○(135□)<br>V-0                                    |
| Appearance of pre Glass transition ter Fire retardancy   | mperature   | ×(122□)<br>V-0<br>o                               | uniformity with resin ×(120□) V-0 □                   | ○(135□)<br>V-0<br>○                               |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for   | mperature   | ×(122□)<br>V-0<br>o                               | uniformity with resin ×(120□) V-0 □                   | ○(135□)<br>V-0<br>○                               |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for   | mperature 60 seconds  | ×(122□)<br>V-0<br>○                               | uniformity with resin ×(120□) V-0 □                   | ○(135□)<br>V-0<br>○                               |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for   | 60 seconds 80 seconds   | ×(122□)<br>V-0<br>○                               | uniformity with resin ×(120□) V-0 □ ×                 | ○(135□)<br>V-0<br>○                               |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for   | 60 seconds 80 seconds 100 seconds                                 | ×(122□)<br>V-0<br>○<br>○                          | uniformity with resin ×(120□) V-0 □ ×                 | ○(135□)<br>V-0<br>○<br>○                          |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for   | 60 seconds 80 seconds 100 seconds 140 seconds 180 seconds         | ×(122□) V-0 ○ ○ ○ ○ ○ ○                           | uniformity with resin ×(120□) V-0 □ ×                 | ○(135□) V-0 ○ ○ ○ ○ ○ ○ ○ ○                       |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for prepreg (second)                                  | 60 seconds 80 seconds 100 seconds 140 seconds 180 seconds         | ×(122□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○                   | uniformity with resin ×(120□) V-0 □ ×                 | ○(135□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for prepreg (second)  Coefficient of ther             | 80 seconds 100 seconds 140 seconds 180 seconds mal expansion      | ×(122□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○                   | uniformity with resin ×(120□) V-0 □ ×                 | ○(135□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ |
| Appearance of pre Glass transition ter Fire retardancy Moldability Curing time for prepreg (second)  Coefficient of ther (\alpha z1) | 80 seconds 100 seconds 140 seconds 180 seconds mal expansion oven | ×(122□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ | uniformity with resin ×(120□) V-0 □ ×  ○ ○ ○ ○ 65 ppm | ○(135□) V-0 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ |

Respectfully submitted,

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## **CERTIFICATION OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: March 16, 2006.

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March 16, 2006 Date